

ABSTRACT OF THE DISCLOSURE

5 A coordinate input apparatus comprising: a  
designation device having a light emission device for  
designating a three-dimensional position; and a  
photoreception unit having a plurality of line sensors  
for receiving light emitted by the light emission device  
and determining the three-dimensional position of the  
light emission device. Based on the determined value  
10 obtained by the photoreception unit, three-dimensional  
coordinates of the position of the designation device  
are calculated by a microcomputer.

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